Honeywell Home

FG8M

Wireless Glassbreak Detector

APPLICATION

Commercial sites can be prone to false alarms caused by a number of factors including white light, which is particularly common in environments where there is a lot of glass present, for instance retail sites. This can lead to additional operational costs for businesses as police or security personnel may need to be dispatched to investigate the cause of the false alarm, therefore incurring significant costs.

The FG8M wireless acoustic glassbreak detector is the perfect inner perimeter protection solution to address this challenge. The FlexCore™ and Flexguard™ technologies offer advanced post sensing signal processing capabilities which provide unequalled false alarm immunity.

FlexGuard® technology analyses sound frequency, duration and amplitude faster than existing technologies, ensuring the highest level of detection, therefore reducing costs caused by detection errors. This makes the FG8M sensor ideal for sites where glass is prevalent, especially commercial premises which are more prone to false alarms, reducing service calls and associated time and costs.

Easy to mount and test with the FG701 glassbreak simulator, the FG8M wireless detector cuts installation time. It maximises the installation budget as only one device is required to protect an area which has multiple windows or glass as the FG8M sensor does not need to be placed on the glass surface compared to similar technologies that need one sensor per window.

Now you can expand your business opportunities as the FG8M wireless technology is part of a powerful commercial solution, offering both time and cost savings. It is suitable for a wide range of installations, including residential environments where security and practicality are real assets for the end-user.

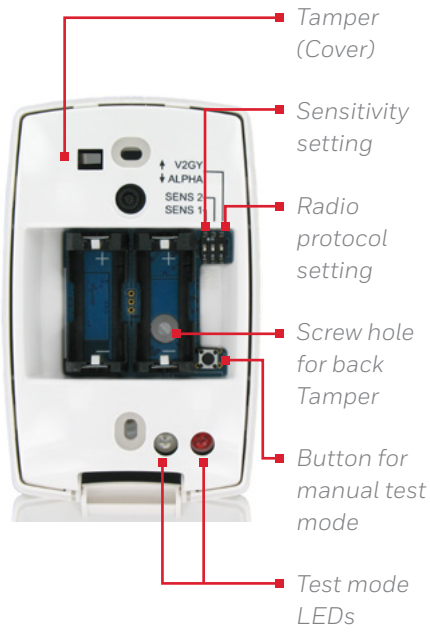
SPECIAL FEATURES

- FG8M analyses the full spectrum of two glass breaking sounds (right before and after the breaking) prior to alarm decision meaning no false alarms on site due to its performance.
- Reduce costs: With no cabling required the FG8M sensor reduces time on site. Maintenance costs are also minimised due to extended battery life, up to 7 years with a low battery signal warning.
- Versatility: The same product can be used for various configurations:
  - Protect all types of glass up to 14mm (plate, tempered, laminated, wired, coated, sealed insulating)
  - Range up to 7.6 m without any minimum range
  - Use for all applications with 4 sensitivity range settings through dip-switch
- Secure:
  - Covered PCB
  - Protected microphone
- Easy to install:
  - FG701 glassbreak simulator with on/off test mode from a distance up to 4.6m
  - Captive mounting hole
  - Hinged cover

FG8M – Wireless Glassbreak Detector

SPECIFICATIONS	
GLASSBREAK DETECTION	
RANGE	7.6m
SENSITIVITY	Four levels (7.6m - 4.6m - 3m - 1.5m)
GLASS TYPE & THICKNESS *(GLASS MUST BE FRAMED IN THE WALL OR MOUNTED IN A BARRIER AT LEAST 0.9MM WIDE)*	Plate: 2mm to 10mm Tempered: 3mm to 10mm Laminated: 3mm to 14mm Wired: 6mm Coated: 3mm to 6mm Sealed Insulating: 3mm to 6mm
POWER	
BATTERY	LI03V (x2) - supplied
BATTERY LIFE	V2GY mode: 6 years ALPHA mode: 7 years
RADIO	
RF FREQUENCY	868 MHz
RF TYPE	Narrow Band, FM
RF RANGE, UNOBSTRUCTED	2000m
TIMINGS	
SUPERVISION TIME	V2GY mode : each 9 minutes ALPHA mode : each 18 minutes
TRANSMITTER TEST MODE	Activated when powered on Deactivated 10 minutes after tamper closed
GLASSBREAK TEST MODE	Activated when powered on, by button or by glassbreak tester Deactivated 5 minutes after last tester sound
MECHANICS	
TAMPER	Front cover and wall mounting
DIMENSIONS (H X W X D)	115 x 720 x 27mm
WEIGHT WITHOUT BATTERIES	143g
OPERATING TEMPERATURE	-10°C to 55°C
STORAGE TEMPERATURE	-20°C to 55°C
RELATIVE HUMIDITY	No condensation - 0 to 95%
APPROVALS	CE; EN50131-1, EN50131-5-3 Grade, 2 Environmental Class II

ORDERING INFORMATION	
FG8M	Wireless Glassbreak Detector



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For assistance with this product please visit
https://www.security.honeywellhome.com/UnitedKingdom

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